



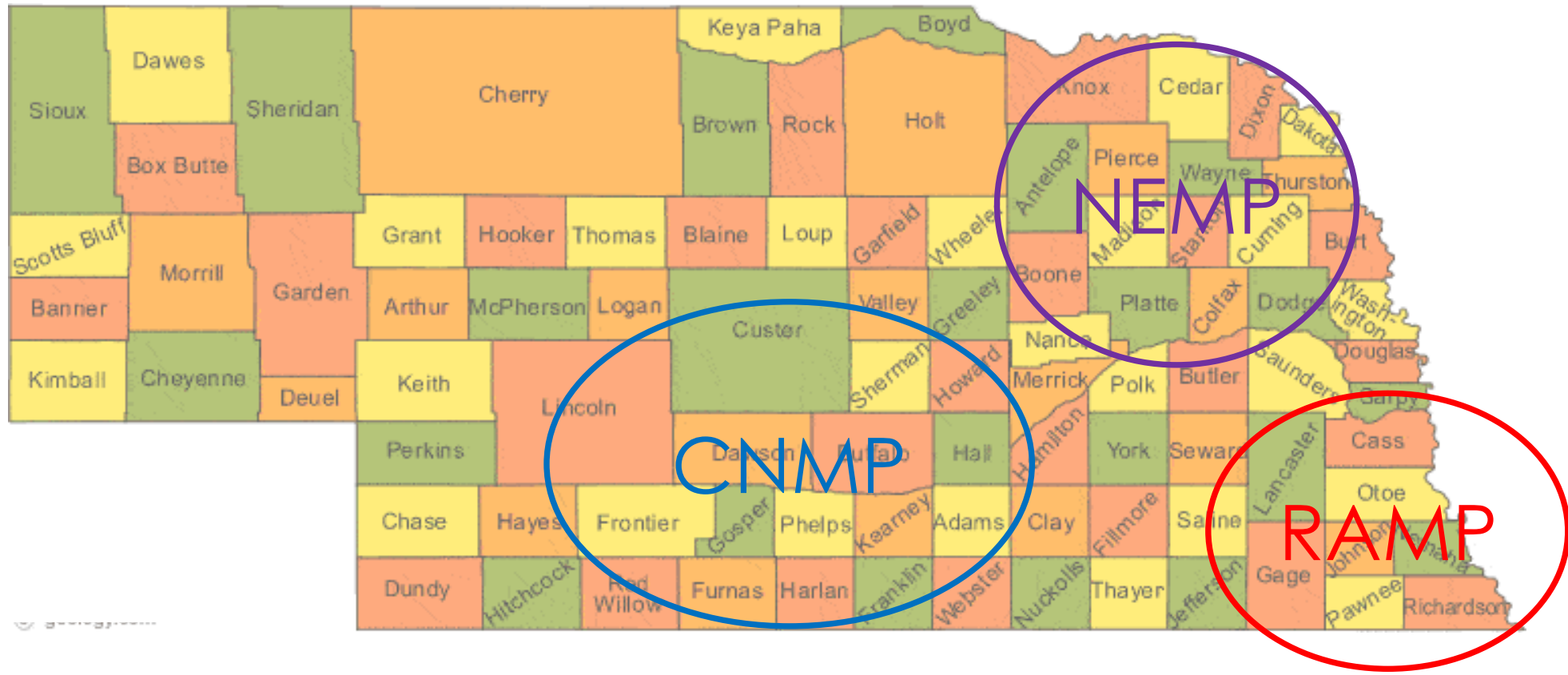
Delivering Manufacturing to Your Classroom Door- Career Experience for the Next Generation

The Central Nebraska Manufacturing Partnership

NDE Administrators Day

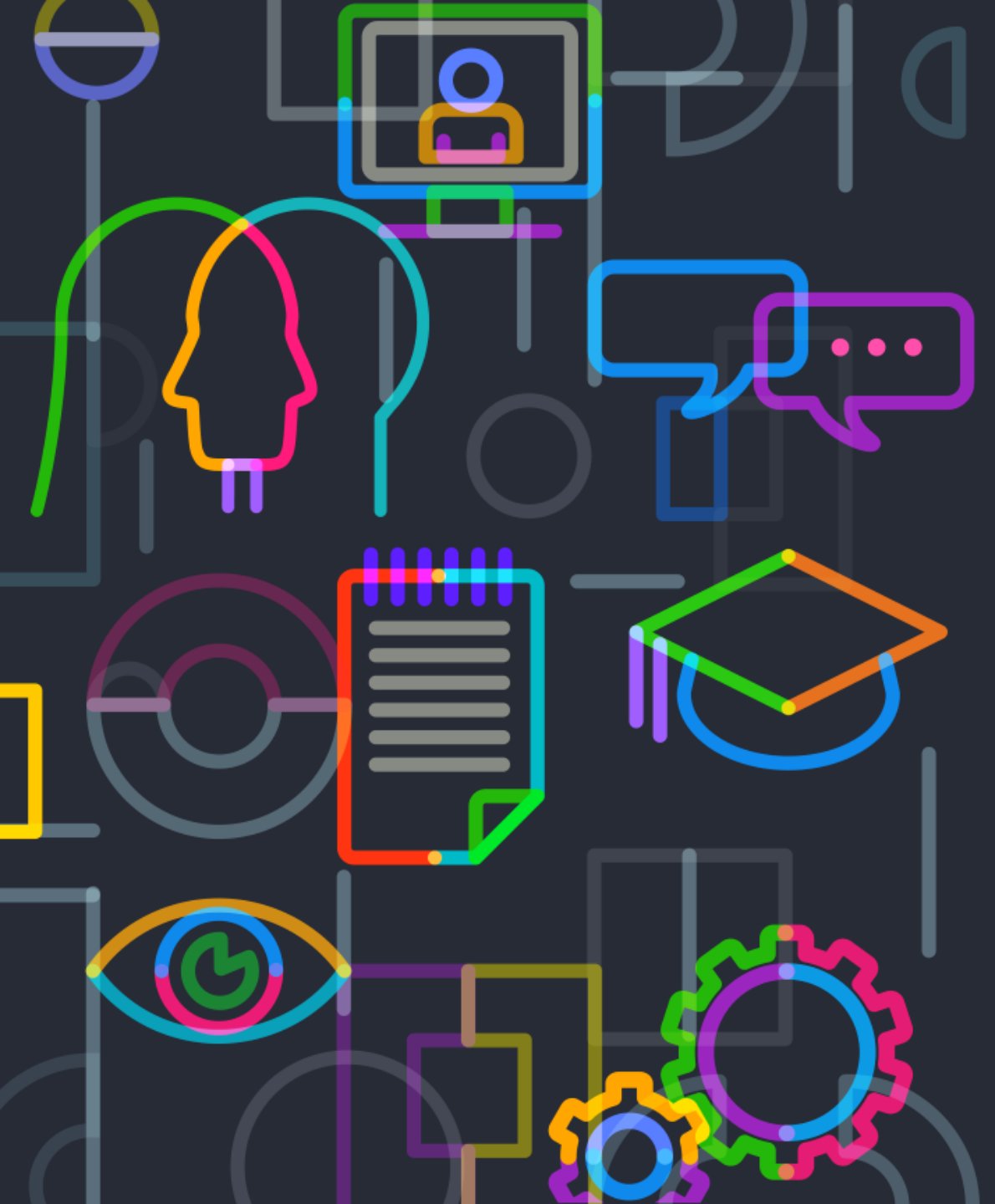
July 31, 2019

Three Manufacturing Partnerships Throughout the State



Why Do These Partnerships Exist?

- We want our children to have great opportunities and careers here at home
- We care deeply about the success of our schools, communities and region
- We are your neighbors and we share many of the same goals you have
- Willing to support your current efforts or help create something you want but have not been able to make a reality



Central Nebraska Manufacturing Partnership (CNMP)

A close-up photograph of two hands, one slightly larger than the other, clasped together in a firm grip. The hands are positioned on the left side of the frame, with the fingers interlaced. The skin tone is light, and the nails are painted a dark red color. The background is a soft, out-of-focus blue and white, suggesting an outdoor setting. The image is partially obscured by a white diagonal line that separates it from the text on the right.

Central NE Manufacturing Partnership (CNMP) - Who We Are

- We were the first new sector partnership organized in Nebraska
- 26+ Manufacturing businesses in the Central Nebraska area
- Strong collaboration and connection between employers and public agencies

What We Have Been Doing

- Meeting with businesses and public program agencies to understand
 - Common goals
 - Coordination of Services, Work Experiences and Stakeholders
 - Where opportunities for synergy exist
 - Program and industry “best practices”
 - STEM through Career Pathways or Rural Options
- Have three focus areas
 - Partnering with area schools
 - Improving training opportunities for those who currently work for us
 - Improving transportation in and out of the area (air flight options)

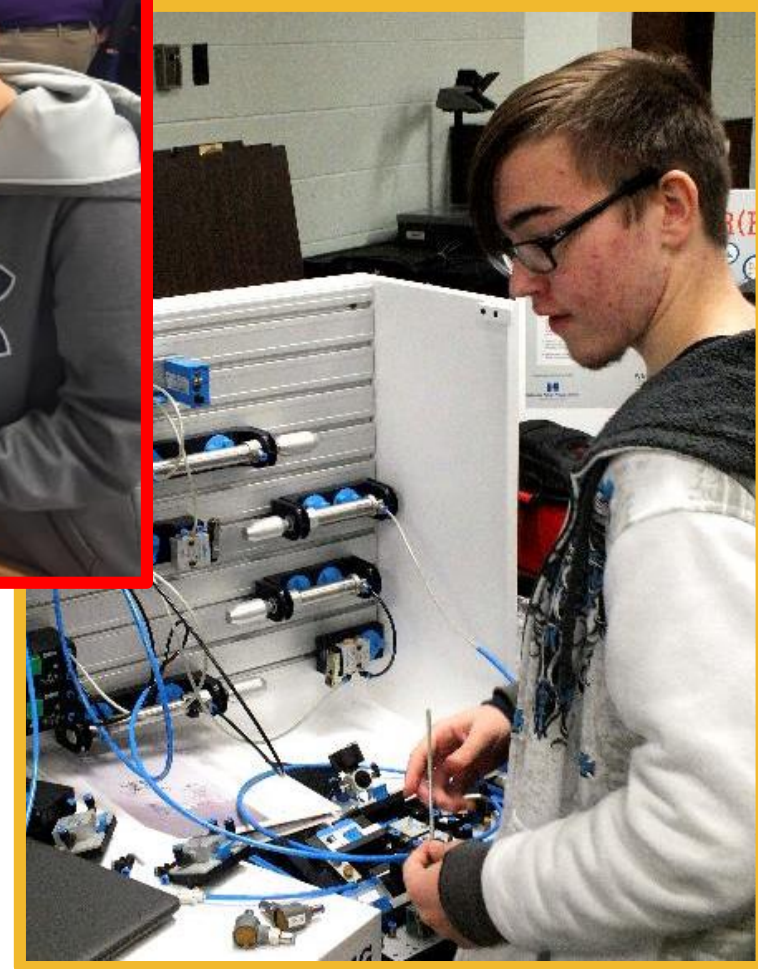
CNMP Opens Doors to STEM in Schools and Workplace

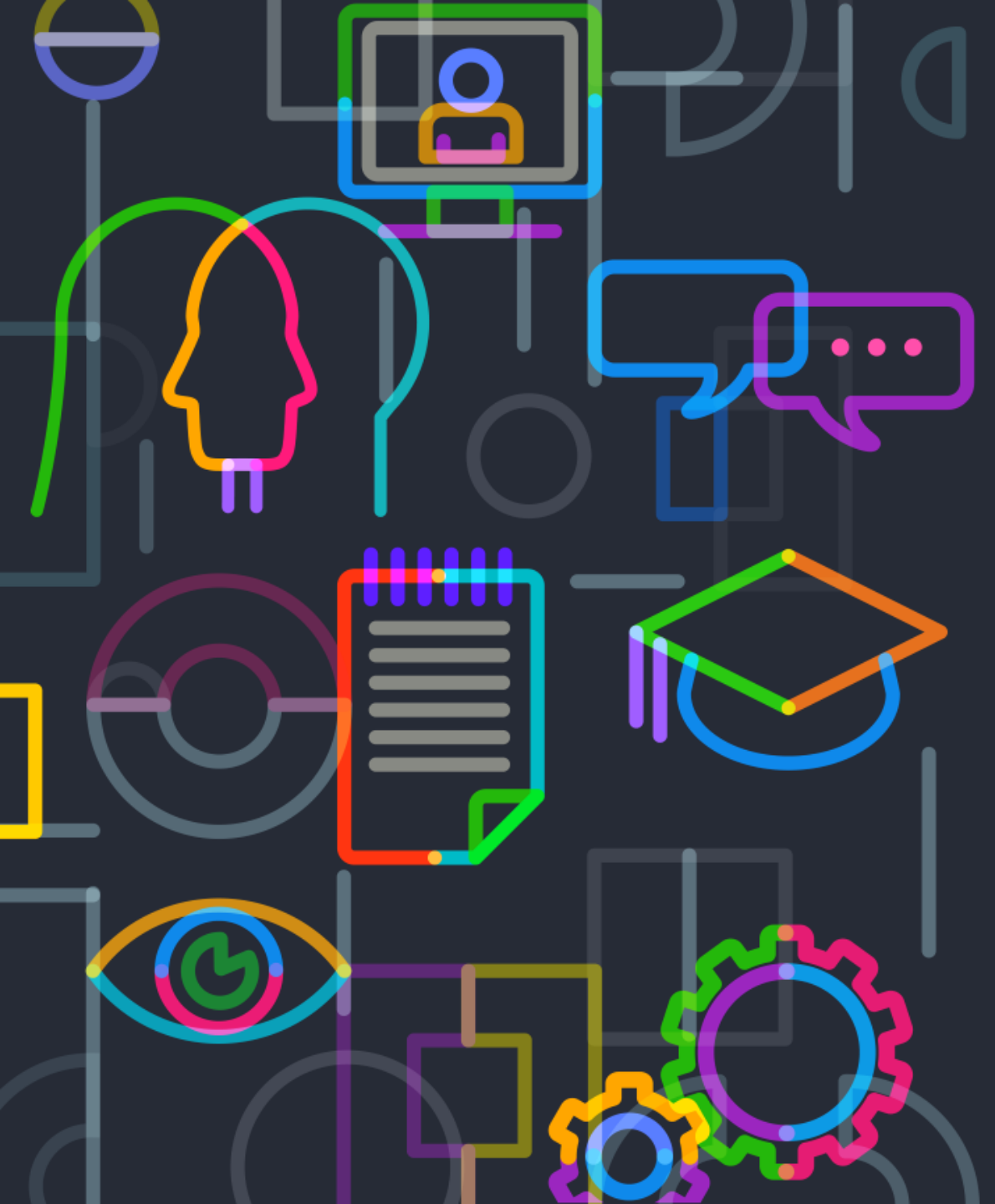


Sample of Potential Projects



Business Sponsored – Real Classroom Impact





Rural Advanced Manufacturing Partnership (RAMP)

Rural Advanced Manufacturing Partnership (RAMP)

- Started 1st Quarter 2018
- Eight Counties in Southeastern NE– Otoe, Nemaha, Richardson, Johnson, Pawnee, Gage, Jefferson & Thayer
 - Attempted to involve 5 counties in KS, 2 in MO and 1 in IA
- 25+ manufacturers on current mailing list, roughly ½ have participated in one or more meeting
- From beginning – workforce and specifically career awareness has been topic of discussion

Rural Advanced Manufacturing Partnership (RAMP)

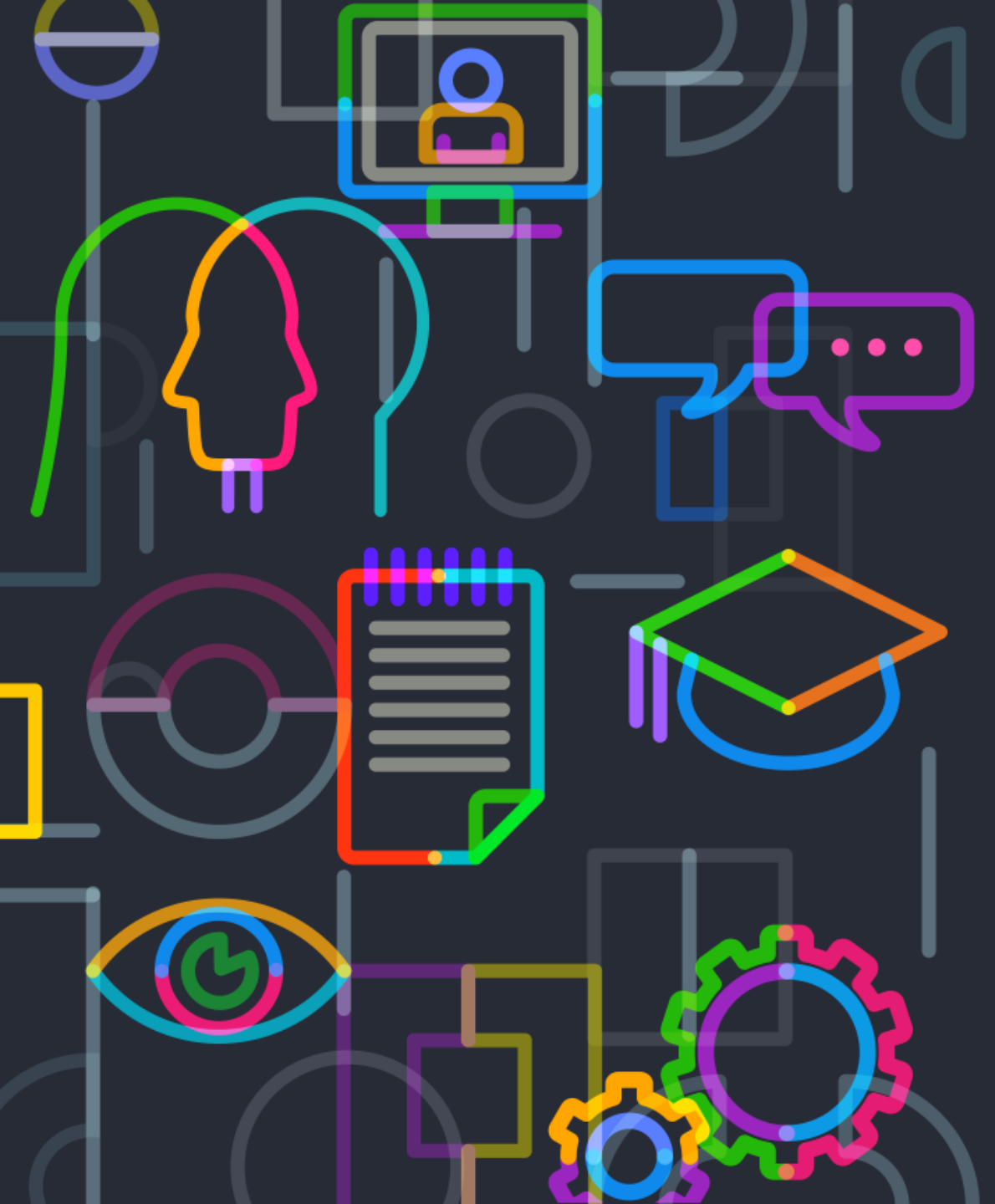
- Lessons learned:
 - Manufacturers are interested in reaching students but have many competing priorities and/or don't know how to connect with schools
 - Public Partners (Local Economic Development, DOL, UNL Extension, Utilities and Others) willing to set up
 - DOL and RAMP piloted first “drive thru” job fair
 - Some ED groups and manufacturers already organizing manufacturing /career days, externships, other (will add some photos)
 - Some manufacturers serving as advisors to schools, community colleges, employees involved with classes, clubs

RAMP Activities



RAMP Activities





Northeast Manufacturing Partnership (NEMP)

Northeast Manufacturing Partnership (NEMP)

- Organized in October, 2018
- Identified three target areas for efforts
 - Creating Action Plans to accomplish goals
- Strong regional participants with a history of high involvement
 - Chamber of Commerce
 - Economic Development
 - NPPD
 - 26 Manufacturers
 - DOL
 - Local Education

Northeast Manufacturing Partnership Focus Areas

Three Partnership Focus Areas

Grow Entry-Level and Skilled trade Talent Pipelines

- Increase number of qualified potential applications within talent pool for local entry-level manufacturing positions
- Build talent pipeline for Skilled Trades

Improve Infrastructure

- Expand Supplier Infrastructure
- Surface and Air Infrastructure
- Construction Infrastructure

Northeast Manufacturing Partnership

Focus Areas

Change Image / Marketing to Promote Pride in Manufacturing Careers

- Partner with local marketing agency to develop materials and campaign for industry promotion
- Work within the Northeast Nebraska footprint to shift negative mindsets and promote the positive elements of manufacturing careers
- Market externally to attract outside manufacturing professionals

Sample Projects in NEMP



Reality 101

Purpose:
Hands-on economics learning for 8th & 9th grade students. This is an interactive lesson about what life as adult is really like.

Overview of Program:
The students, posing as adults age 28-30, are given "real" jobs, salaries, families and true-to-life challenges and successes. They then enter the Reality Store to purchase required goods and services such as childcare, groceries, utility services and the like, all affecting balance of their checking account and illustrating the importance of a wise career choice.

Manufacturing Day Tours

Purpose:
Expose students to exciting and financially rewarding manufacturing career options available to them in our city.

Overview of Program:
Students tour three businesses, observing every career option available with the employer. They compete in trivia and challenge activities that help them learn what the company manufactures, discover what interests them, and learn what the work environment really looks like.

Vehicle Day

Purpose:
An opportunity for 1st grade students to learn about & experience vehicles that make businesses work.

Overview of Program:
Vehicles from local businesses are parked in a large parking lot for the day. Students are bused to the parking lot and spend the day visiting each vehicle, hearing from the business representatives about how those vehicles are used at work, and asking any questions about their business.



Dream It Do It Dream Team

Purpose:
The Dream Team is made up of young professionals who reach out to students to highlight their talents and spotlight the rewarding career opportunities within advanced manufacturing.

Overview of Program:
The Dream Team members share their personal journey in advanced manufacturing and related fields through classroom presentations, promotion through the media, and within the Dream It! Do It's campaigns.

Education in Industry

Purpose:
Educators get the opportunity to see first-hand the careers available in our local industries as well as learn from the industry management team as to the skills/experience needed to obtain these high-demand positions.

Overview of Program:
Educators spend a day within local industries and are given interactive opportunities to see and experience how certain skills and knowledge acquired in High School are then applied in the workplace.

PATH Job Shadowing

Purpose:
Expose students to exciting and financially rewarding career options they may not have thought about which are available to them in our city.

Overview of Program:
For nine weeks students spend an hour observing different careers. They choose their career focus and are able to observe that job in action as well as others similar to it. The outcome is that students realize their true career interest before they invest in a college education.

Industry in Education

Purpose:
Business representatives provide education about the importance of soft skills and personal presentation through the job interview process and beyond.

Overview of Program:
Local hiring professionals take part in classroom presentations teaching students how to write a business resume and they provide examples of soft skills required for success in the workplace. High School juniors and seniors are then required to take part in mock job interviews with industry professionals.

Future Problem Solvers

Purpose:
Hands-on critical thinking, project-based learning and work place awareness for high school students. It is an interactive lesson on real-life problems faced by area businesses.

Overview of Program:
The students hear from company leadership about their unsolvable problems. They tour the facility to witness the problem first-hand. The students brainstorm possible solutions for the issue, then present their solution to the company leadership, practicing their public speaking skills and allowing them to build a relationship with the employer.

College Week

Purpose:
This pro-college week is for 4th & 5th grade students, and is focused on teaching the importance of thinking ahead at an early age about all of the possibilities in their future regarding a post-secondary education.

Overview of Program:
Students tour a college campus, explore career options, meet professionals in the field, and discover various post-secondary options to get them to where they want to be. Students then set SMART college goals for own their future.

We've Told You Who We Are, This is Who We Are Not

- Not organizations that want to tell education and other public entities what they should do – We want to be resources to you!
- We are not temporary – The efforts we want to support are long-term
- Not just in it for ourselves – we succeed as communities together

Partnership Support Directory

- ▶ Job Shadow
- ▶ Tours
- ▶ Career Fairs
- ▶ Mentorships
- ▶ Career Exploration
- ▶ Community Service Projects
- ▶ Reading Programs
- ▶ After School Programs
- ▶ In School Presentations
- ▶ Junior Achievement
- ▶ Watch Dogs
- ▶ Interviewing Skills
- ▶ Sponsor Student Fees
- ▶ Scholarships
- ▶ Internships
- ▶ Tuition Reimbursement
- ▶ Apprenticeships
- ▶ STEM Trailers
- ▶ Others

What We Ask of You

- We want an open dialogue with you
 - Help us understand what your priorities are
 - What you are currently doing and how we can support you
- Let us know if greater engagement with industry is something you are interested in
- If you are not the right contact, who should we work with to move forward

Questions



Contacts

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